REPLACEMENT SHEET

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PATENT & TRADEMARK OFFICE

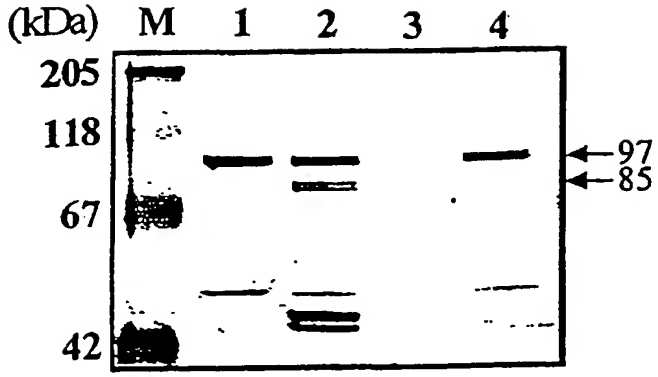

FIG.1

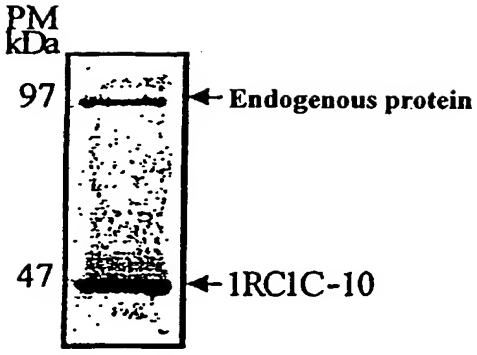

FIG. 2

REPLACEMENT SHEET

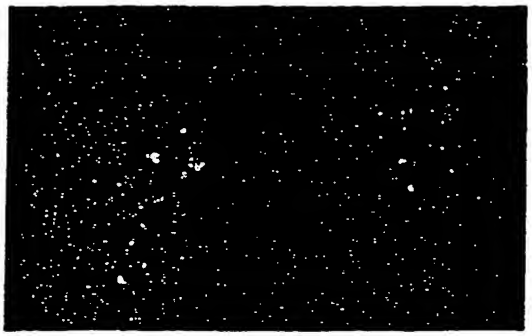

FIG_3

REPLACEMENT SHEET

FIG_4

Fig. 5a

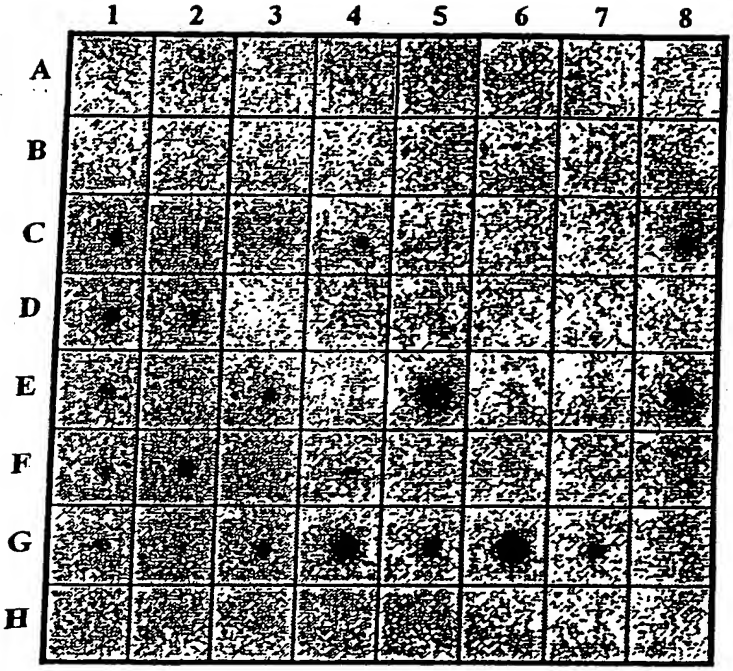

Fig. 5b

	1	2	3	4	5	6	7	8
A	whole brain	amygdala	caudate nucleus	cerebellum	cerebral cortex	frontal lobe	hippocampus	medulla oblongata
B	occipital lobe	putamen	substantia nigra	temporal lobe	thalamus	subthalamic nucleus	spinal cord	
C	heart	aorta	skeletal muscle	colon	bladder	uterus	prostate	stomach
D	testis	ovary	pancreas	pituitary gland	adrenal gland	thyroid gland	salivary gland	mammary gland
E	kidney	liver	small intestine	spleen	thymus	peripheral leukocyte	lymph node	bone marrow
F	appendix	lung	trachea	placenta				
G	fetal brain	fetal heart	fetal kidney	fetal liver	fetal spleen	fetal thymus	fetal lung	
H	yeast total RNA 100 ng	yeast tRNA 100 ng	E. coli rRNA 100 ng	E. coli DNA 100 ng	Poly r(A) 100 ng	human Cot1 DNA 100 ng	human DNA 100 ng	human DNA 500 ng

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        |   10      |   20      |   30      |   40      |   50      |   60      |   70      |   80
  1 ATGTGGATCC AGGTTCGGAC CATGGATGGG AGGCAGACCC  ACACGGTGGA CTCGCTGTCC AGGCTGACCA AGGTGGAGGA 80
 81 GCTGAGGCGG AAGATCCAGG AGCTGTTCCA CGTGGAGCCA  GGCCTGCAGA GGCTGTTCTA CAGGGGCAAA CAGATGGAGG 160
161 ACGGCCATAC CCTCTTCGAC TACGAGGTCC GCCTGAATGA  CACCATCCAG CTCCTGGTCC GCCAGAGCCT CGTGCTCCCC 240
241 CACAGCACCA AGGAGCGGGA CTCCGAGCTC TCCGACACCG  ACTCCGGCTG CTGCCTGGGC CAGAGTGAGT CAGACAAGTC 320
321 CTCCACCCAC GGTGAGGCGG CCGCCGAGAC TGACAGCAGG  CCAGCCGATG AGGACATGTG GGATGAGACG GAATTGGGGC 400
401 TGTACAAGGT CAATGAGTAC GTCGATGCTC GGGACACGAA  CATGGGGGCG TGGTTTGAGG CGCAGGTGGT CAGGGTGACG 480
481 CGGAAGGCCC CCTCCCGGGA CGAGCCCTGC AGCTCCACGT  CCAGGCCGGC GCTGGAGGAG GACGTCATTT ACCACGTGAA 560
561 ATACGACGAC TACCCGGAGA ACGGCGTGGT CCAGATGAAC  TCCAGGGACG TCCGAGCGCG CGCCCGCACC ATCATCAAGT 640
641 GGCAGGACCT GGAGGTGGGC CAGGTGGTCA TGCTCAACTA  CAACCCCGAC AACCCCAAGG AGCGGGGCTT CTGGTACGAC 720
721 GCGGAGATCT CCAGGAAGCG CGAGACCAGG ACGGCGCGGG  AACTCTACGC CAACGTGGTG CTGGGGGATG ATTCTCTGAA 800
801 CGACTGTCGG ATCATCTTCG TGGACGAAGT CTTCAAGATT  GAGCGGCCGG GTGAAGGGAG CCCCATGGTT GACAACCCCA 880
881 TGAGACGGAA GAGCGGGCCG TCCTGCAAGC ACTGCAAGGA  CGACGTGAAC AGACTCTGCA GGGTCTGCGC CTGCCACCTG 960
961 TGCGGGGGCC GGCAGGACCC CGACAAGCAG CTCATGTGCG  ATGAGTGCGA CATGGCCTTC CACATCTACT GCCTGGACCC 1040
1041 GCCCCTCAGC AGTGTTCCCA GCGAGGACGA GTGGTACTGC  CCTGAGTGCC GGAATGATGC CAGCGAGGTG GTACTGGCGG 1120
1121 GAGAGCGGCT GAGAGAGAGC AAGAAGAATG CGAAGATGGC  CTCGGCCACA TCGTCCTCAC AGCGGGACTG GGGCAAGGGC 1200
1201 ATGGCCTGTG TGGGCCGCAC CAAGGAATGT ACCATCGTCC  CGTCCAACCA CTACGGACCC ATCCCGGGGA TCCCCGTGGG 1280
1281 CACCATGTGG CGGTTCCGAG TCCAGGTCAG CGAGTCGGGT  GTCCATCGGC CCCACGTGGC TGGCATCCAT GGCCGGAGCA 1360
1361 ACGACGGATC GTACTCCCTA GTCCTGGCGG GGGGCTATGA  GGATGATGTG GACCATGGGA ATTTTTTCAC ATACACGGGT 1440
1441 AGTGGTGGTC GAGATCTTTC CGGCAACAAG AGGACCGCGG  AACAGTCTTG TGATCAGAAA CTCACCAACA CCAACAGGGC 1520
1521 GCTGGCTCTC AACTGCTTTG CTCCCATCAA TGACCAAGAA  GGGGCCGAGG CCAAGGACTG GCGGTCGGGG AAGCCGGTCA 1600
1601 GGGTGGTGCG CAATGTCAAG GGTGGCAAGA ATAGCAAGTA  CGCCCCCGCT GAGGGCAACC GCTACGATGG CATCTACAAG 1680
1681 GTTGTGAAAT ACTGGCCCGA GAAGGGGAAG TCCGGGTTTC  TCGTGTGGCG CTACCTTCTG CGGAGGGACG ATGATGAGCC 1760
1761 TGGCCCTTGG ACGAAGGAGG GGAAGGACCG GATCAAGAAG  CTGGGGCTGA CCATGCAGTA TCCAGAAGGC TACCTGGAAG 1840
1841 CCCTGGCCAA CCGAGAGCGA GAGAAGGAGA ACAGCAAGAG  GGAGGAGGAG GAGCAGCAGG AGGGGGGCTT CGCGTCCCCC 1920
1921 AGGACGGGCA AGGGCAAGTG GAAGCGGAAG TCGGCAGGAG  GTGGCCCGAG CAGGGCCGGG TCCCCGCGCC GGACATCCAA 2000
2001 GAAAACCAAG GTGGAGCCCT ACAGTCTCAC GGCCCAGCAG  AGCAGCCTCA TCAGAGAGGA CAAGAGCAAC GCCAAGCTGT 2080
2081 GGAATGAGGT CCTGGCGTCA CTCAAGGACC GGCCGGCGAG  CGGCAGCCCG TTCCAGTTGT TCCTGAGTAA AGTGGAGGAG 2160
2161 ACGTTCCAGT GTATCTGCTG TCAGGAGCTG GTGTTCCGGC  CCATCACGAC CGTGTGCCAG CACAACGTGT GCAAGGACTG 2240
2241 CCTGGACAGA TCCTTTCGGG CACAGGTGTT CAGCTGCCCT  GCCTGCCGCT ACGACCTGGG CCGCAGCTAT GCCATGCAGG 2320
2321 TGAACCAGCC TCTGCAGACC GTCCTCAACC AGCTCTTCCC  CGGCTACGGC AATGGCCGGT GA                    2382
        |   10      |   20      |   30      |   40      |   50      |   60      |   70      |   80
```

FIG_6

Title: ICBP90 polypeptide and its fragments and polynucleotides coding for said polypeptides and applications for diagnosing and treating cancer
Inventors: Christian BRONNER et al.
Atty. Dkt. No. 065691-0266
Serial No. 10/019,071

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                    10        20        30        40        50        60        70        80
                    |         |         |         |         |         |         |         |
   1 MWIQVRTMDG RQTHTVDSLS RLTKVEELRR KIQELFHVEP  GLQRLFYRGK QMEDGHTLFD YEVRLNDTIQ LLVRQSLVLP 80
  81 HSTKERDSEL SDTDSGCCLG QSESDKSSTH GEAAAETDSR  PADEDMWDET ELGLYKVNEY VDARDTNMGA WFEAQVVRVT 160
 161 RKAPSRDEPC SSTSRPALEE DVIYHVKYDD YPENGVVQMN  SRDVRARART IIKWQDLEVG QVVMLNYNPD NPKERGFWYD 240
 241 AEISRKRETR TARELYANVV LGDDSLNDCR IIFVDEVFKI  ERPGEGSPMV DNPMRRKSGP SCKMCKDDVN RLCKVCACML 320
 321 CGGRQDPDKQ LMCDECDMAF HIYCLDPPLS SVPSEDEWYC  PECRNDASEV VLAGERLRES KKNARMASAT SSSQRDWGRG 400
 401 MACVGRTKEC TIVPSNHYGP IPGIPVGIMW RFRVQVSESG  VHRPHVAGIH GRSNDGSYSL VLAGGYEDDV DHGNFTYTG 480
 481 SGGRDLSGNK RTAEQSCDQK LTNTNRALAL NCFAPINDQE  GAEAKDWRSG KPVRVVRNVK GGKNSKYAPA EGNRYDGIYK 560
 561 VVKYWPEKGK SGFLVWRYLL RRDDDEPGPW TKEGKDRIKK  LGLTMQYPEG YLEALANRER EKENSKREEE EQQEGGFASP 640
 641 RTGKGKWKRK SAGGGPSRAG SPRRTSKTIK VEPYSLTAQQ  SSLIREDKSN AKLMNEVLAS LKDRPASGSP FQLFLSKVEE 720
 721 TFQCICCQEL VFRPITTVCQ HNVCKDCLDR SFRAQVFSCP  ACRYDLGRSY AMQVNQPLQT VLNQLFPGYG NGR*      794
                    |         |         |         |         |         |         |         |
                    10        20        30        40        50        60        70        80
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FIG_7

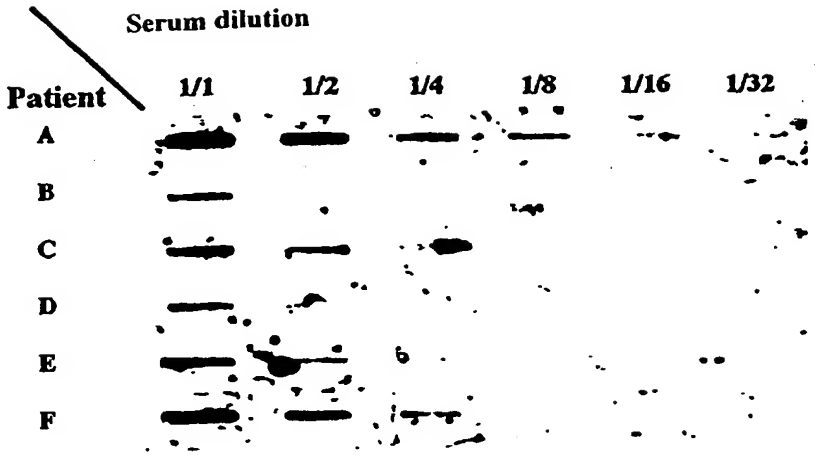
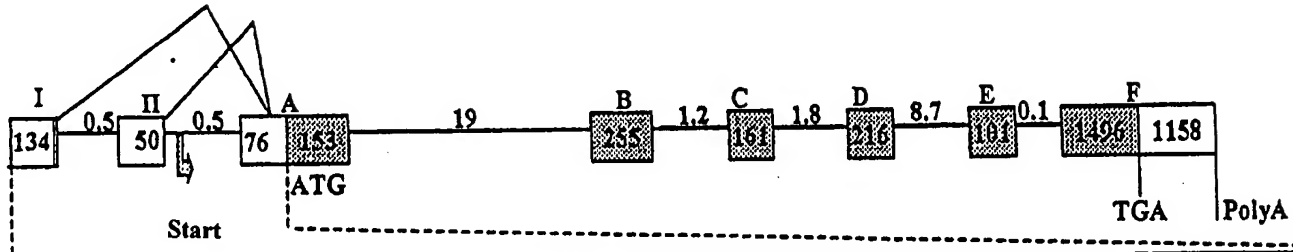


FIG-8

FIG-9

A



B

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1    GGCAGCGTTT GCCGAGCGGG CGCTCCGGGT CGCAGGCAAG TCCGCGCGGG  GTCCGGGCCA CGCACGCGGT TTCATCGCCA TCCCCAGCCG GGCCAGGCGC
101  GCAGGCAGAC AAGCTGTTCG CGGCGACCGG AGAGgtgagc gggcgggccg  ggtcggggtg ccagcccggg ccgggcgcac ggggctcggg aactttgcaa
201  aactttcccg cgcggccagc ccgggcgcac gcatgtcccg cactctgtcc  cgggatccag ggcctcccct tccacctaac cctcgggaat cgttccccgg
301  cacacatccg gctggagccg ggaccagcgc tgcgtccccg gagcccggcg  gggggtcgag cgcgccgggt gggggagggc ctggcgagcc gccggggagg
401  atgtcaggct ccgcgcctgc gcgcgggggg ccccgcgatt caattgtcgc  gcccgagccc gatttcgcgc gccctgagtt ccccgggagc atctgggcca
501  atggggagcg agcgggggcgg ggcggccggg tgctgcggag ccaataagag  gcggctcaag tgaagggggg cgggacttga cgagcggggg ccccctctgt
601  agtcccggcg gcgggggtgg gcgtgggctc gctggcgcga cccgcgcggg  ccagtgggag tgcgggaggg acgccGAGGG TCCAGGGTTT GGAGGGGCGC
701  GAGCTGCCGG GGGTTGGAGG TCGAGgtgag tcgcgggggcg cgcgcgctcg  cgggtggccg ggacgggggcg cggttaccat ggccaccgcg gggcgggccc
801  ggtcgcgcac gcgcgcgggg ggggccggca aggagggggg gcgtgggcac  cgaggggtcc cggggtccgc ggatctcggg tggggttttt cccatttcag
901  tggcacttgg ttaagttccc ccgggacctt ctgaagttcc ggcccgcgct  ggactttctg ggattccctc ttccgtaaat aggaatccga ggaatgaatg
1001 aatcaatgaa tgaatgaata aacgaaccaa ctcgggccac ttggcccggg  cctcctttct cctctggtcg tggggaagga gggatgggtt ggaccttctg
1101 cttttctttc aattcccctct tttcattctc cttcctcctc aatcttcaac  acttggctag tcgttaatgc cttaagtgct taatttgttg tgtctggtcc
1201 tggccagggt ctggctgtac aggaggactg gaagggcatc ctgggagttt  cctggtgtcc acaggccgga caaaagcaac cccgactccT TAGAGCATGG
1301 CATGGCTCAG AGGTGCTGGT AAAACTGATG GGGGTTTATG CTGTCCCTCC  CCTCAGCGCC GACACCATG      1369
```

GC4 GC3 CB1 GC2 CB2 GC1

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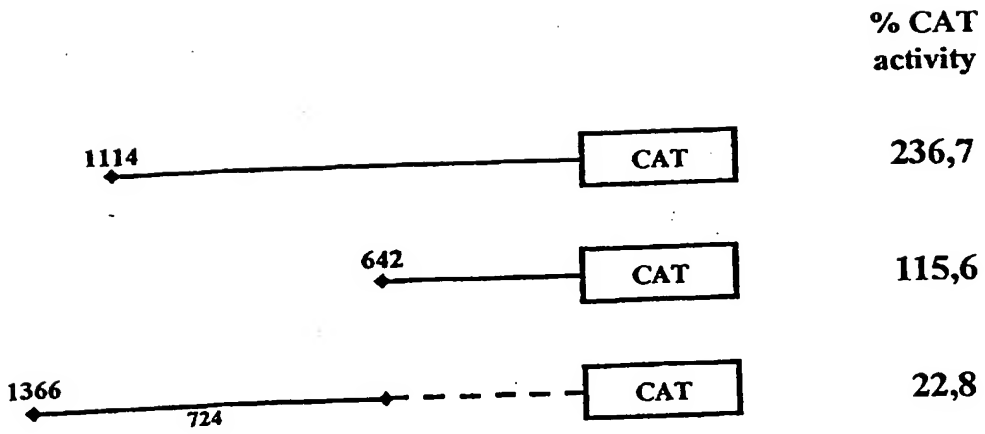

FIG 10

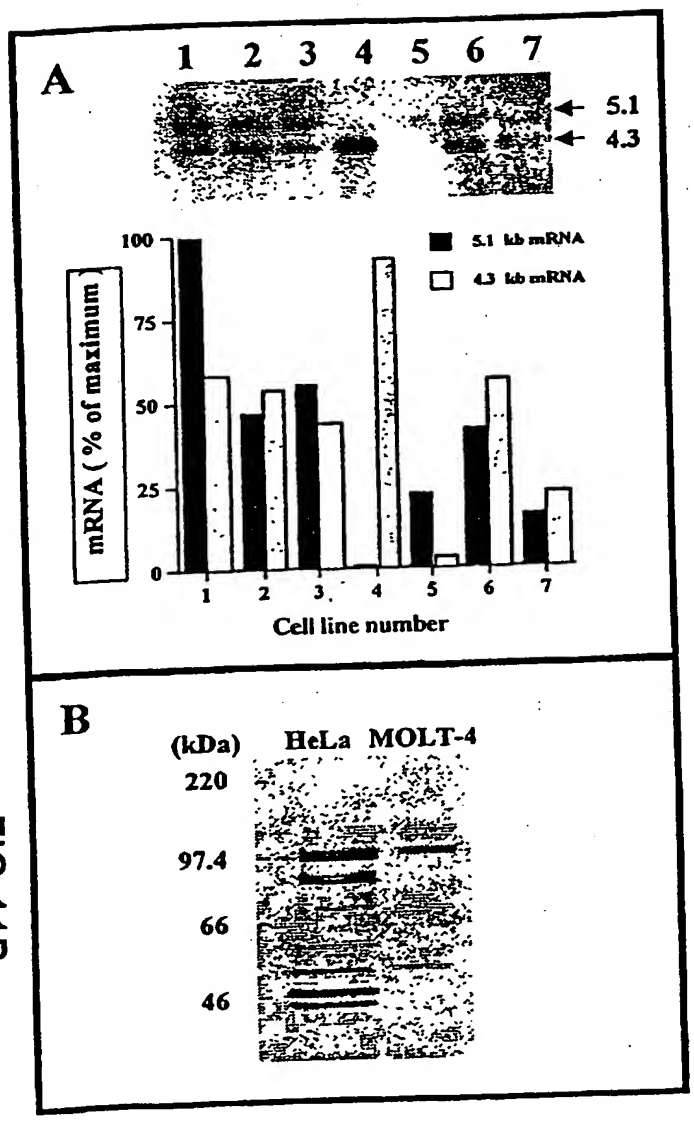

FIG-11A

FIG-11B